

FIG. 1

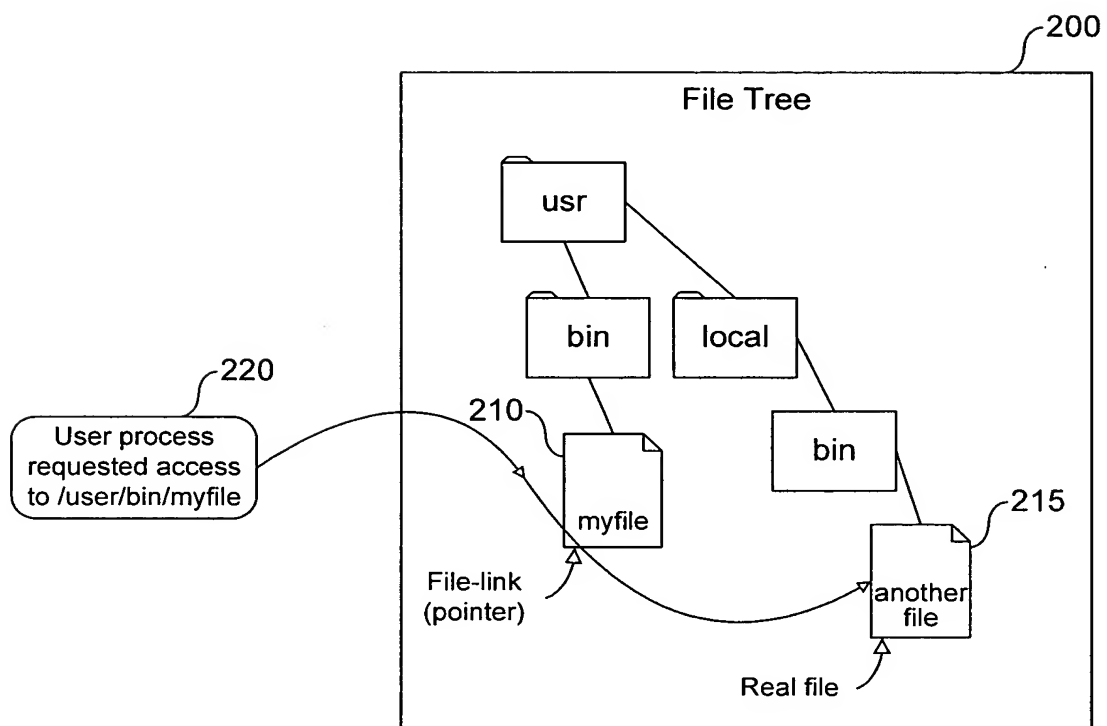


FIG. 2

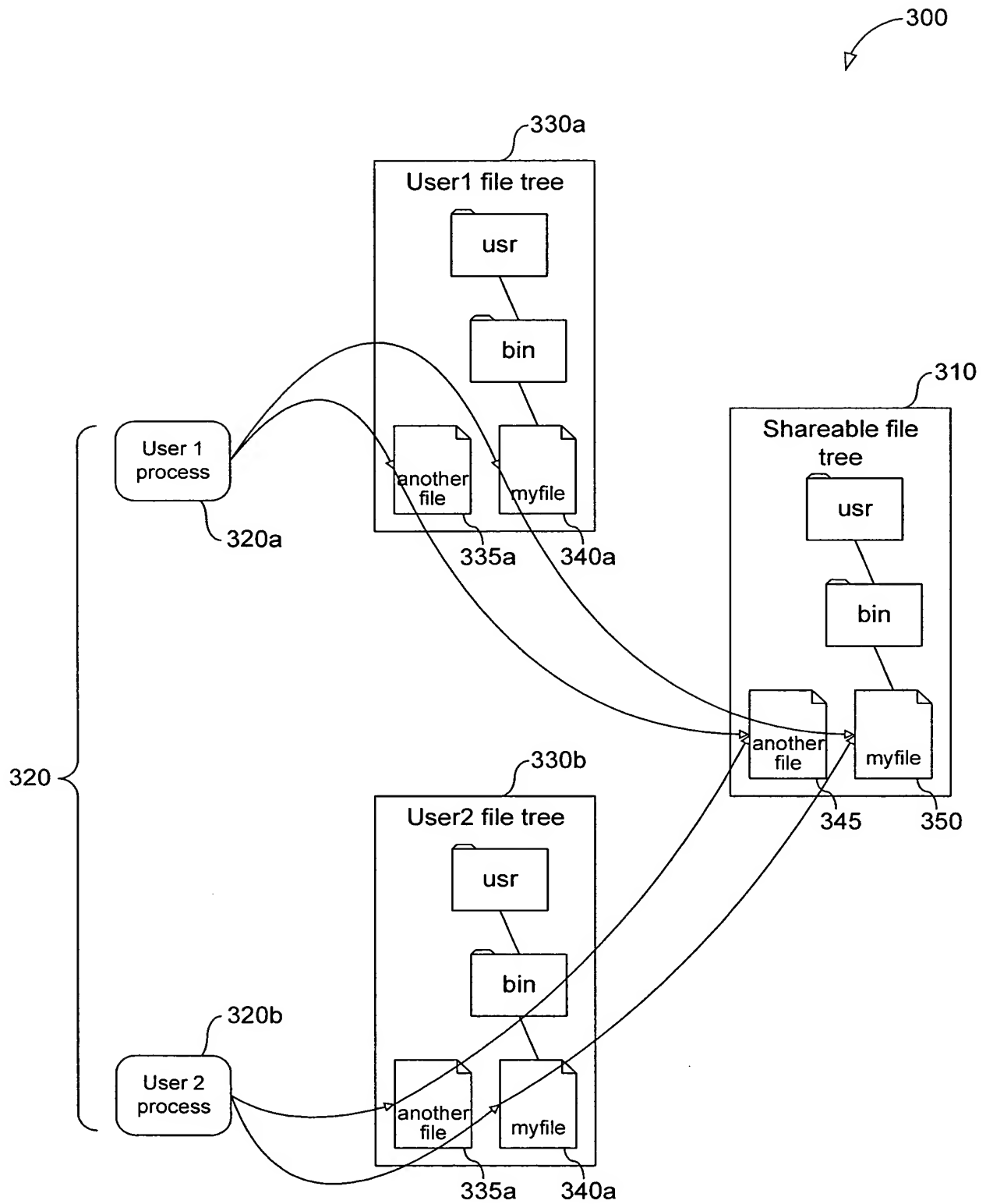


FIG. 3

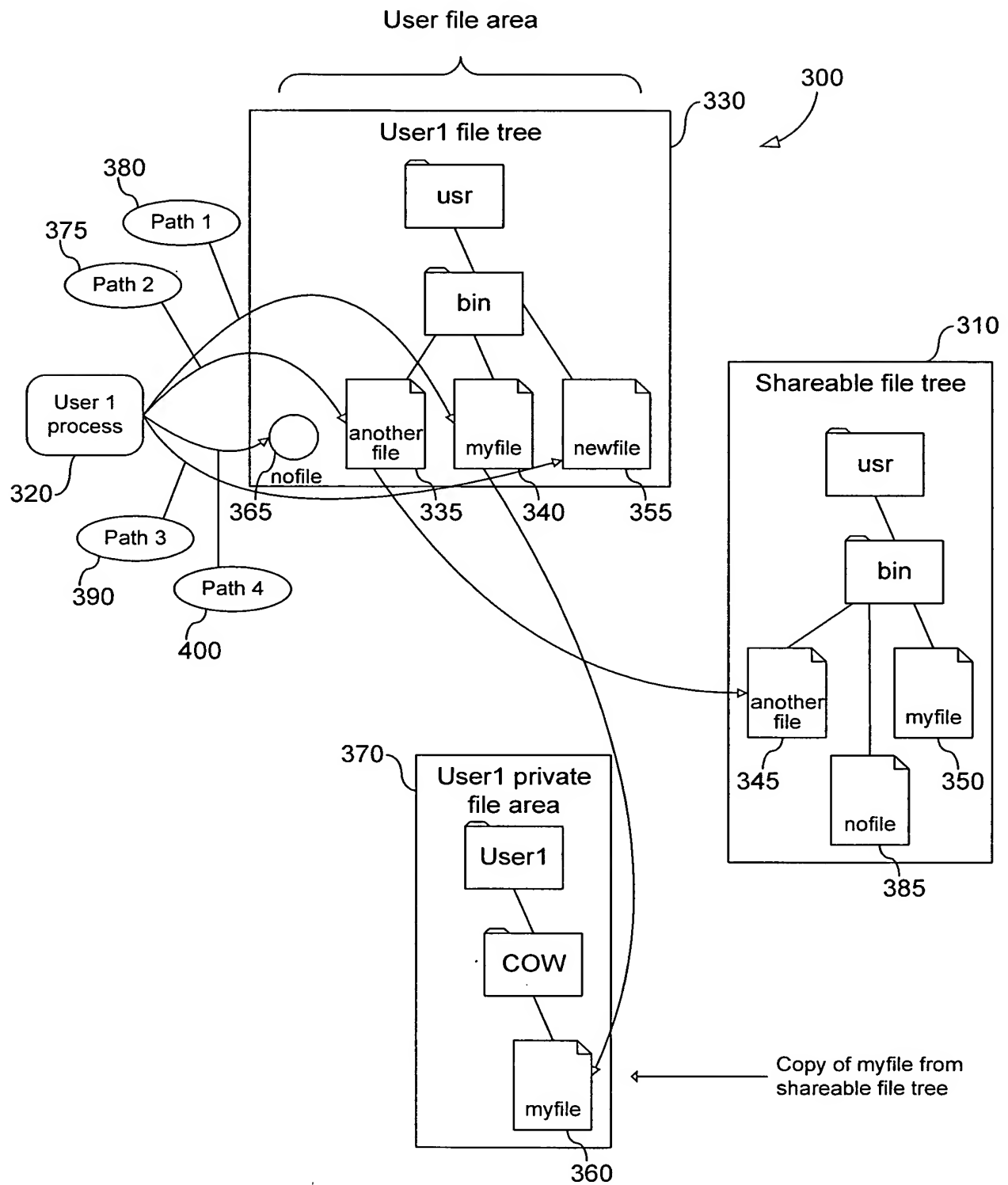


FIG. 4

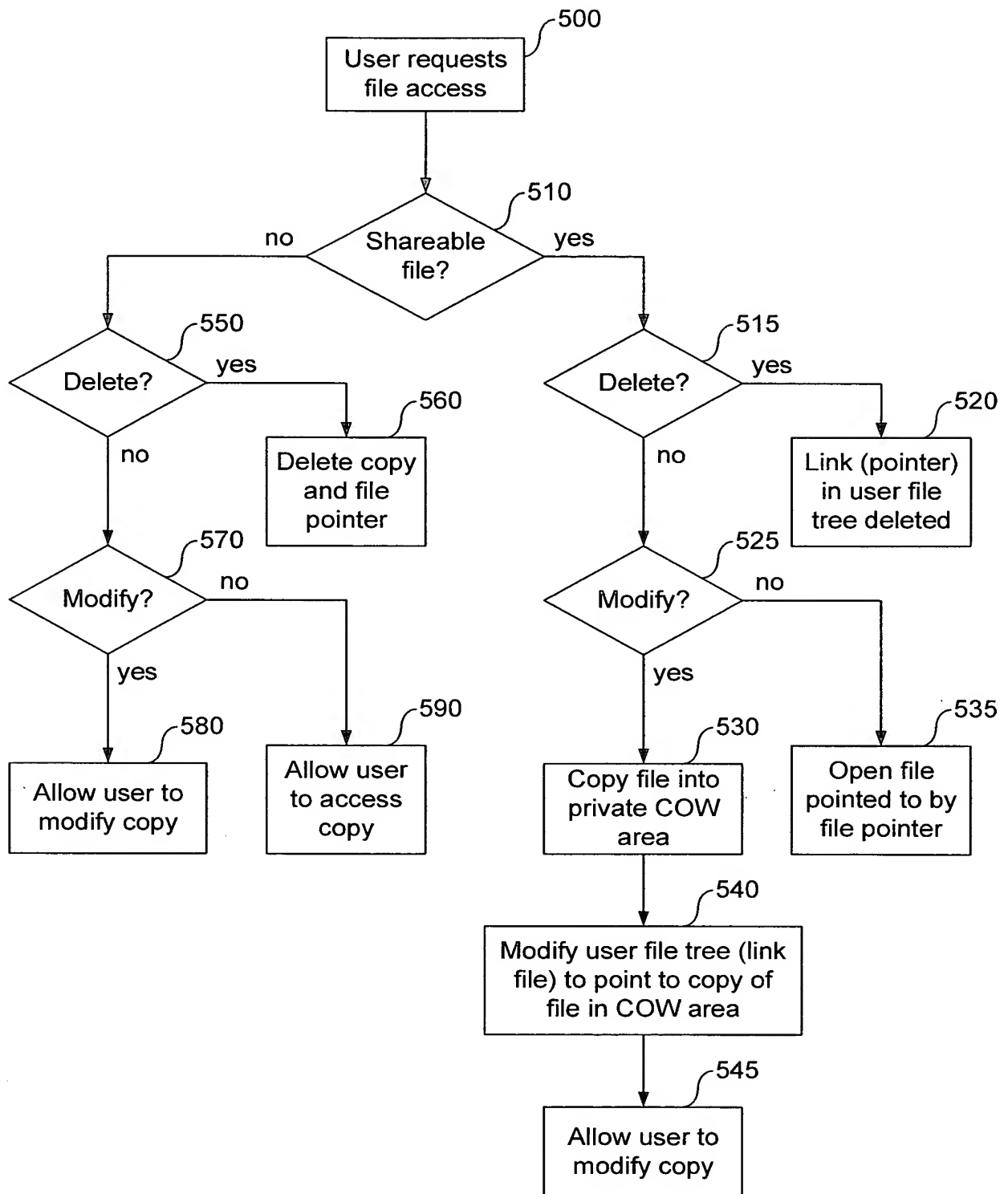
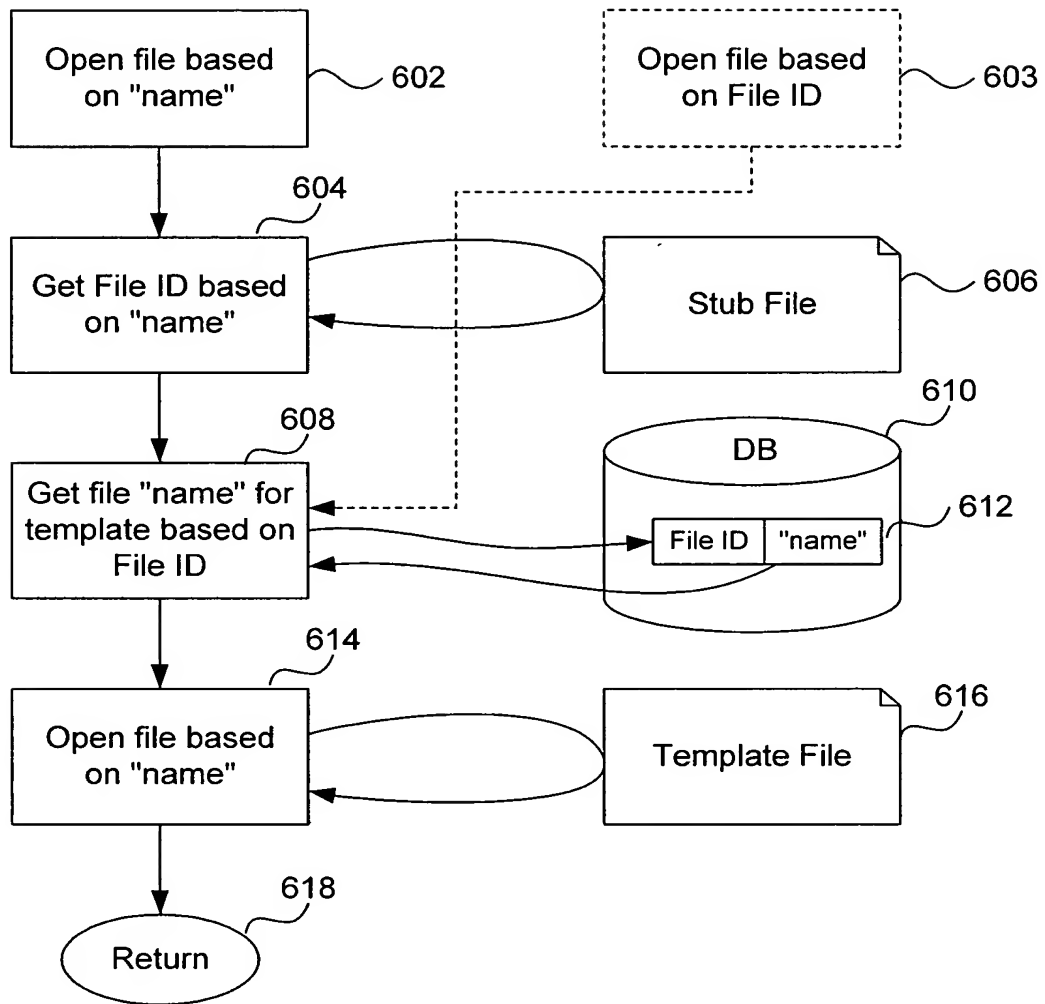
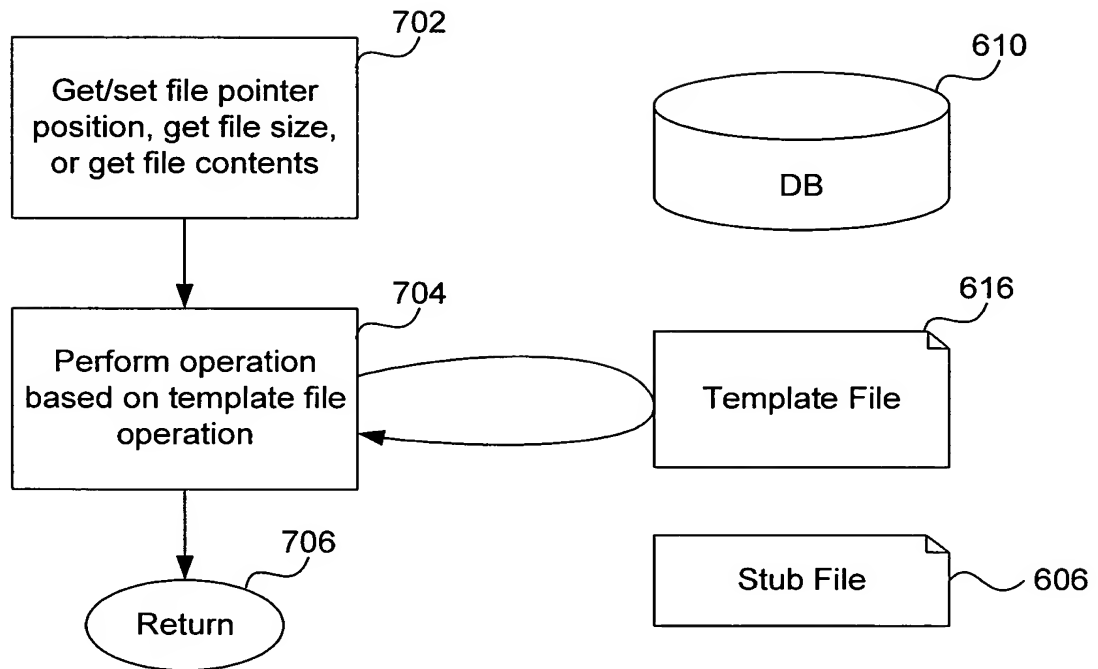


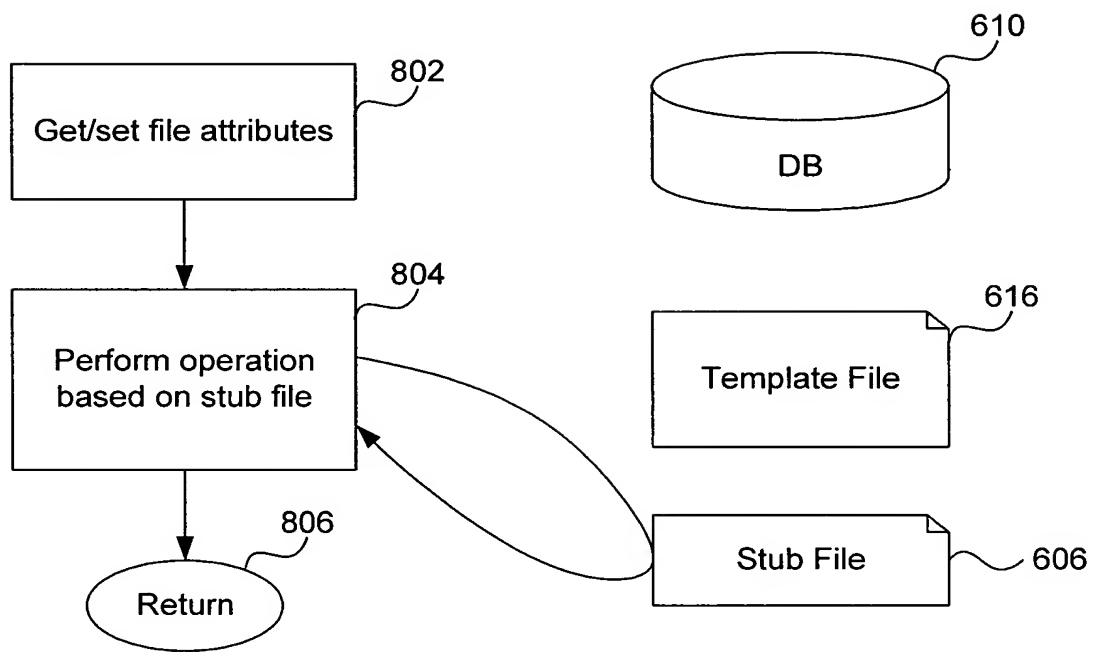
FIG. 5



**FIG. 6**

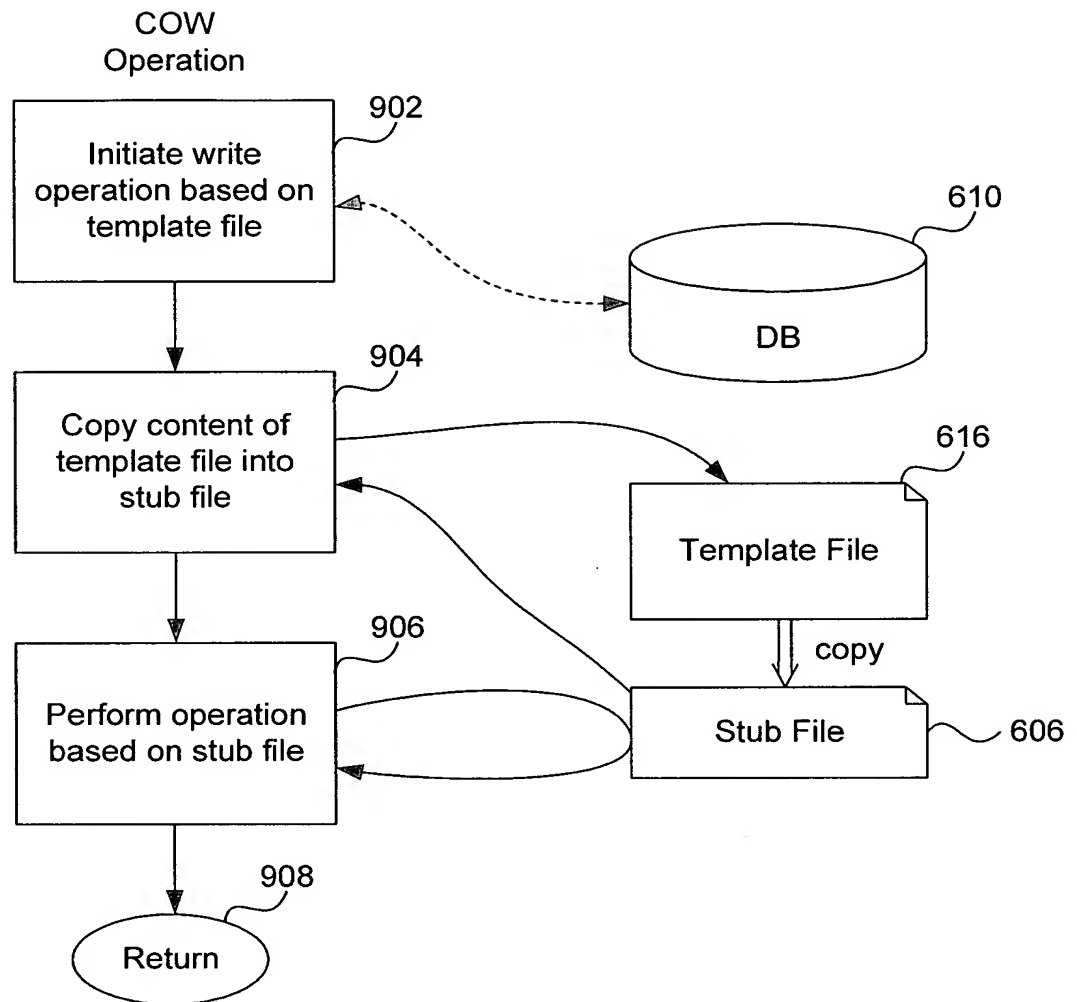


**FIG. 7**



**FIG. 8**





After the COW operation all file operations  
are performed on the stub file

**FIG. 9**

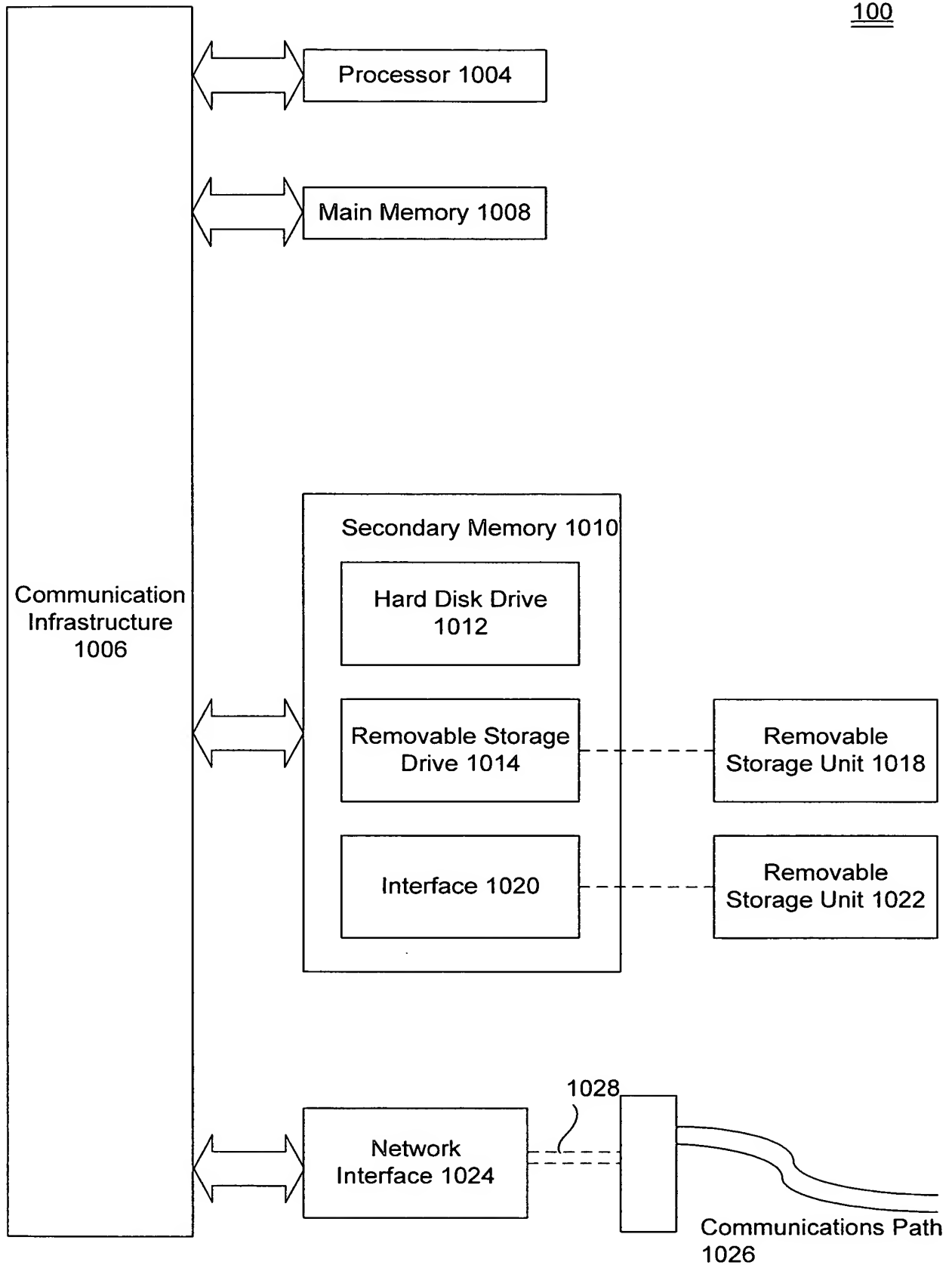
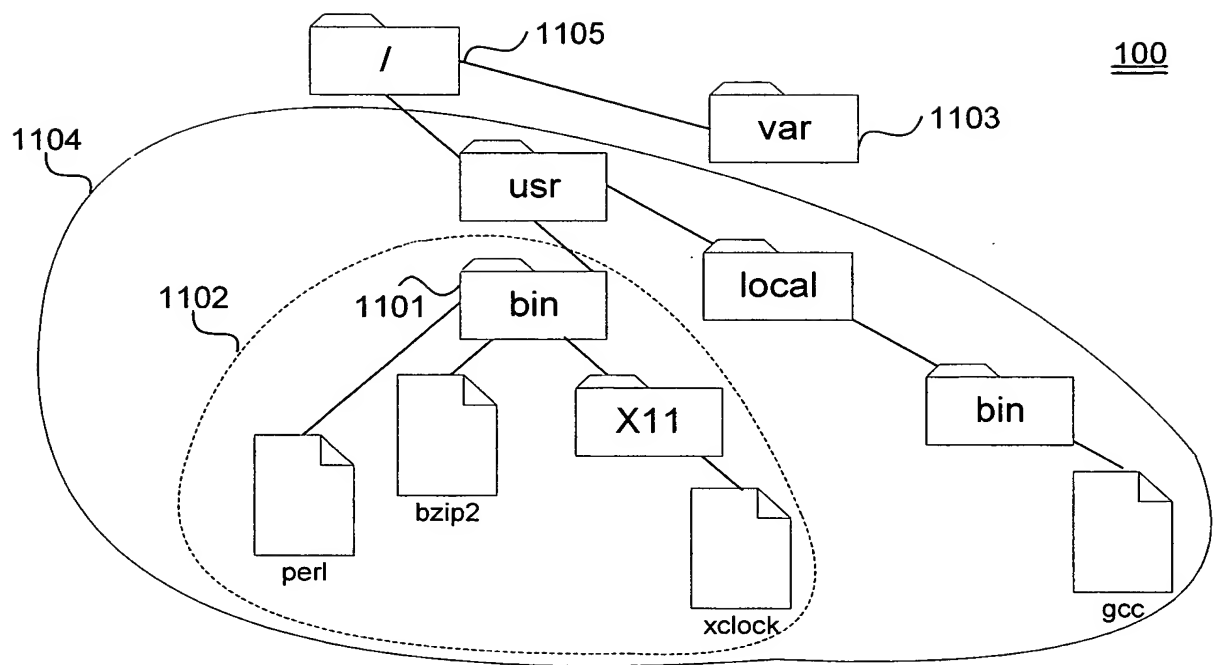


FIG. 10



**FIG. 11**